



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090494

Mode: Highway

Status: Submitted

(Johnson Street-Sandy Ridge Road)

From/Cross Street: SR 1820 (Skeet Club Road)

Specific Improvement Type: 1 - Widen Existing Roadway

To: I-40

Project Category: Division Needs

Length: 4.43

TIP#: U-4758

Fully Funded in Draft STIP? No

Cost to NCDOT: \$18,300,000

Description:

Widen to Multi-Lanes

Division(s): Division 7

County(s): GUILFORD

MPOS(s)/RPO(s): High Point Urban Area MPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	Percent: 15% Points: 0	Percent: 15% Points: 0

Division Needs Total Score: 64.95

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 42.01 Safety (10%) 62.03 [Travel Time] Benefit/Cost (20%) 1.73 Totals: Weight: 50% Weighted Score: 14.95	Percent: 25% Points: 100	Percent: 25% Points: 100

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	45
Length (miles):	4.43
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	10207.68
Capacity:	16148.35
Volume/Capacity Ratio:	0.63
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	92.36
Crash Severity:	62.4
Critical Crash Rate:	31.34
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	21
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	90
Actual Congested Speed:	38.39
Travel Time Index:	1.17

Project Benefits

Project Cross-Section:	4B - 4 Lane Divided (23' Raised Median) with Paved Shoulders and Sidewalks
Speed Limit:	45
Length (miles):	4.43
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	1438323.29
Travel Time Savings for 30 Years (Autos):	1438323.29
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 7

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT OnLine tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 7	100%	0	100
	0%	0	0
	0%	0	0
TOTAL Division Points		0	100

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
High Point Urban Area MPO	100%	0	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	100

Project Cost and Source

Construction Cost:	\$13,300,000	TIP Unit
Right-of-Way Cost:	\$5,000,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$18,300,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$18,300,000	